

APPENDIX A
METRIC UNITS OF MEASURE

Unit	Name	Symbol	Note
Length	meter	m	
Area	square meter	sq m	
	hectare	ha	(1 ha = 10,000 sq m)
Volume	cubic meter	cu m	
	liter	L	(1 L = 1000 cu cm)
Mass	gram	g	
	metric ton	metric ton	(1 metric ton = 1000 kg)
Density	kilogram / cubic meter	kg/cu m	
Force	Newton	N	(N = kg m/s ²)
Pressure, Stress	Pascal	Pa	(Pa = N/sq m)
Energy, Work	Joule	J	(J = N m)
Torque	Newton meter	N m	
Power	watt	W	(W = J/s)
Speed	meters / second	m/s	
	kilometers / hour	km/hr	
Temperature	degrees celcius	°C	

Prefixes

nano (n)	10 ⁻⁹	one billionth
micro (μ)	10 ⁻⁶	one millionth
milli (m)	10 ⁻³	one thousandth
centi (c)	10 ⁻²	one hundredth
deci (d)	10 ⁻¹	one tenth
deca (da)	10 ¹	ten
hecto (h)	10 ²	one hundred
kilo (k)	10 ³	one thousand
Mega (M)	10 ⁶	one million
Giga (G)	10 ⁹	one billion